

Problem:

Mr. Burnham is working on simplifying algebraic expressions. To test his knowledge, Ms. Muñoz asks him to simplify the expression $8(x + 3) + 2x - 9$.

State your claim and then use this organizer to write an argument that supports it.

Math Strategies Used:**Mr. Burnham's Claim:****Mr. Burnham's Evidence:**

$$8(x + 3) + 2x - 9$$

$$8(x + 3) = 8x + 24$$

$$8x + 24 + 2x - 9$$

$$8x + 2x + 24 - 9$$

$$10x + 15$$

$$8(x + 3) + 2x - 9 = 10x + 15$$

Mr. Burnham isn't sure how to write his warrants. It is our responsibility to help him. Look at each step of his evidence and explain **WHAT he did and **WHY** he was able to do that.**

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